PRECISION TARGETING & INTEGRATION SYSTEMS INTEGRATION LAB

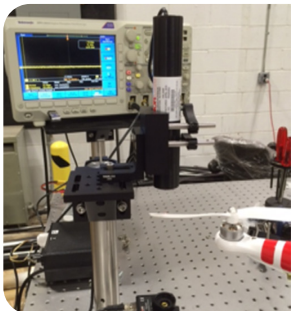## LABORATORY INFORMATION FACT SHEET

The Precision Targeting & Integration Branch Systems Integration Laboratory enables the development and evaluation of system of systems (SoS) capabilities in the areas of Counter Unmanned Aerial and Armament systems. The laboratory processes the capability and expertise to perform an end to end evaluation of SoS capabilities.

TECHNOLOGY/FACILITY DESCRIPTION:

The Systems Integration Laboratory brings together engineering expertise and development and evaluation hardware to facilitate the creation and testing of SoS capabilities. The facility can accommodate initial capability prove outs through factory qualification testing (FQT) and Low Rate Initial Production. The lab has equipment such as 3D printers, hardware development benches, and electrical fabrication tools that are critical in SoS development. Infrastructure is available to perform real time analysis of SoS instrumentation sensors and data processing computing systems.

EQUIPMENT AND EXPERTISE AVAILABLE:

- 3D Printing
- Electrical and Mechanical Fabrication Tools
- Data Analysis Servers
- Thermal and Optical Sensors

- Data Measurement Tools
- Production Staging Areas
- Electrical, Software, Systems, and Mechanical Engineering ance